



HYUNDAI
HYUNDAI IT CORP.

User's Guide

LCD MONITOR

Model : U90D

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the user's authority to operate such equipment.

1. precautions

2. Items

3. Setting up the LCD monitor

4. Adjusting The Monitor

5. Appendix

6. PowerSaver

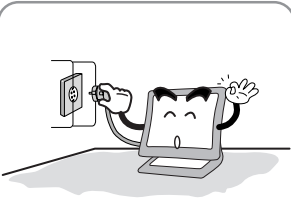
7. Troubleshooting

Plug & Play

The adoption of the new VESA Plug and Play solution eliminates complicated and time-consuming setup. It allows you to install your monitor in a Plug and Play compatible system without the usual hassles and confusion. Your PC system can easily identify and configure itself for use with your display. This monitor automatically tells the PC system its Extended Display Identification Data (EDID) using Display Data Channel (DDC) protocols so the PC system can automatically configure itself to use the flat panel display.

1 Precautions

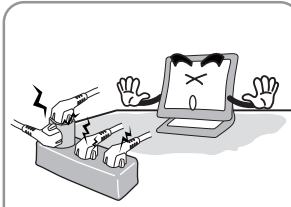
Warning : The following information will help you avoid the risk of electric shock, serious injury, and death.



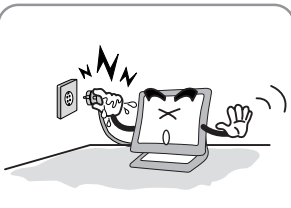
Plug the power cord into a properly grounded outlet. There is the risk of electric shock.



If you hear a noise or smell smoke from the computer or adaptor, unplug the power cord immediately, and call the service center. There is the risk of electric shock or fire.



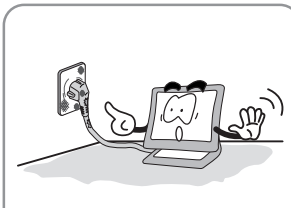
Do not overload an electrical outlet with too many devices. There is the risk of fire.



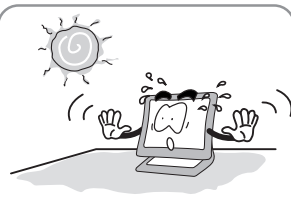
Do not unplug from the outlet by pulling the power cord or when your hands are wet. There is the risk of electric shock and fire.



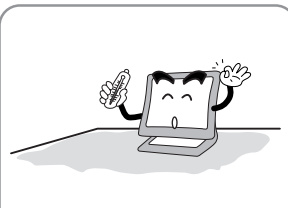
Do not bend the power cord excessively or place heavy objects on it. Keep children and pets away from the power cord as they may damage the power cord. There is the risk of electric shock and fire.



Do not use a damaged power cord or plug. Make sure the plug fits snugly into the outlet. There is the risk of electric shock or fire.

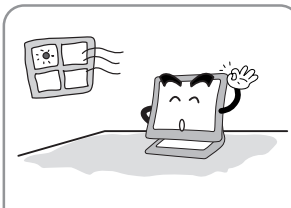


Do not expose the monitor to the direct sun light.



Keep the monitor away from high temperature, humidity, and dust.

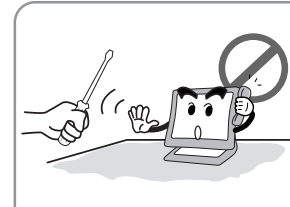
- Operating environment =0~25degrees Celsius
- Operating environment =30~80relative humidity.



Do not block the fan louvers. There is the risk of fire or damage to the monitor.

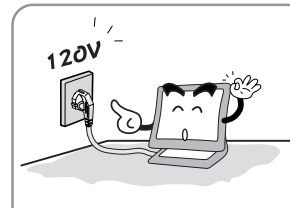


Do not allow any object or liquid to enter inside the monitor. There is the risk of electric shock, fire, or damage to the monitor.

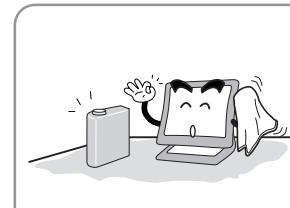


Do not attempt to disassemble, fix, or modify the monitor. There is the risk of electric shock or fire.

Caution : The following information will help you avoid the risk of minor or moderate injury, or damage to the monitor.



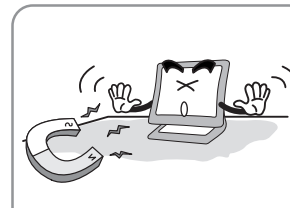
Use a proper voltage/current level indicated



Do not clean the LCD with abrasive chemicals. There is the risk of damage to the LCD.



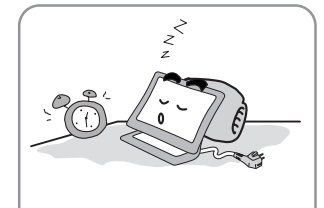
Do not scratch and damage the LCD with sharp objects.



Keep the monitor away from objects and electrical appliances that may generate electromagnetic fields.



Place the monitor on a flat, stable surface. The monitor may fall and there is the risk of damage or injury



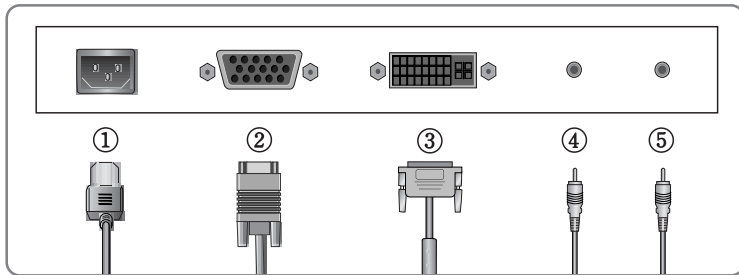
Unplug the power cord when the monitor is not in use for a prolonged period of time.

2 Items

- User Manual, LCD Monitor, Power cord, 15-pin D-Sub Signal Cable, Stand, Audio Cable, DVI-D Cable.

3 Setting up the LCD monitor

How to connect the power cord and the several cables to the LCD monitor.



No.	Name	Cable connections
1	Power	Power Cord
2	D-SUB	15-pin D-Sub Signal Cable
3	DVI	DVI-D Cable
4	SPK IN	Audio Cable*1
5	SPK OUT	External Speaker Cable*1

*1 : For Audio Model Only.

4 Adjusting The Monitor

- MENU** : 1. First click : The OSD main menu appears.
 2. Second click : The OSD menu disappears.
- AUTO** : When you push Auto button, this will optimize image quality automatically.
- MUTE** : Sound Mute On/Off button.
- POWER** : Power On/Off toggle button.
- SEL** : Select a command function.
- ▲ : 1. Move the on-screen highlighted command item to the next one.
 2. Decrease the current option value.
 - ▼ : 1. Move the on-screen highlighted command item to the Previous one.
 2. Increase the current option value.
- MODE** : You can change the display mode.(ANALOG↔DIGITAL)
- VOL** : Volume.
- MWE** : You can manually adjust the screen to your environment on the computer.

5 Appendix

Display Modes

Mode	Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)	Pixel Clock Frequency(MHz)	Sync Polarity(H/V)
VGA	720 X 400	31.468	70.087	28.322	-/+
		31.468	59.940	25.175	-/-
	640 X 480	35.000	66.670	30.240	-/-
SVGA	800 X 600	37.500	75.000	31.500	-/-
		37.879	60.300	40.000	+/+
		48.077	72.188	50.000	+/+
XGA	1024 X 768	46.875	75.000	49.500	+/+
		48.363	60.004	65.000	-/-
		56.476	70.000	75.000	-/-
XGA+	1152 X 864	60.023	75.029	78.750	+/+
SXGA	1280 X 1024	67.500	75.000	108.000	+/+
		63.981	60.020	108.000	+,-/+,-
		79.976 *1	75.025 *1	135.000 *1	+/+ *1

*1 : For Analog Mode Only.

6 PowerSaver

This monitor has a built-in power management system called PowerSaver. This system saves energy by switching your monitor into a low-power mode when it has not been used for a certain amount of time.

State	Power consumption	Recovery Time	LED Color
ON	Under 40W	—	Green
OFF	Less than 2W	Within 2 sec	Amber

7 Troubleshooting

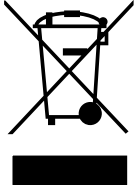
What you see	Suggested Actions
Screen is blank and power indicator is off	Ensure that the power cord is firmly connected and the LCD monitor is on.
“VIDEO MODE NOT SUPPORTED” message	<ul style="list-style-type: none"> • Check the maximum resolution and the frequency of the video adaptor. • Compare these values with the data in the Display Modes Timing Chart.
“NO SIGNAL” message	<ul style="list-style-type: none"> • Ensure that the signal cable is firmly connected to the PC or video sources. • Ensure that the PC or video sources are turned on.
Image is not stable and may appear to vibrate	<ul style="list-style-type: none"> • Check that the display resolution and frequency from your PC or video board is an available mode for your monitor. On your computer check : Control Panel, Display, Settings • Note : Your monitor supports multiscan display functions within the following frequency domain:
The image is too light or too dark	<ul style="list-style-type: none"> • Adjust the Brightness and Contrast. • Refer to the Brightness/Contrast
The image color is not good	<ul style="list-style-type: none"> • Adjust the Color • Refer to the Color
Image is not centered on the screen	<ul style="list-style-type: none"> • Executes Auto Adjustment.
Screen is blank and power indicator light is steady amber or blinks every 0.5 or 1 seconds	<ul style="list-style-type: none"> • The monitor is using its power management system. • Move the computer’s mouse or press a key on the keyboard.

Appendix A. Specifications

MODE		Analog	Digital
Panel	Type	TFT active matrix	
	Size	19 inch	
		376.32 × 301.056(mm)	
	Pixel Pitch	0.294 × 0.294(mm)	
Display	8-bit (16,777,216 colors)		
Display Resolution	Basic	1280 × 1024@60Hz	
	Maximum	1280 × 1024@75Hz	1280 × 1024@60Hz
Frequency	Horizontal	31.5 ~ 80KHz	31 ~ 64KHz
	Vertical	56 ~ 75Hz	59 ~ 61Hz
Connectors		15-pin D-Sub Connector	DVI-D Connector
		Speaker Input / Headphone Output (Audio Cable)*1	
Tilting Degree (U/D)		-5° ~25° Degree	
Plug&Play		VESA DDC 1/2B	
Power	Input	Internal type : 100~240VAC, 50/60Hz, 0.7A	
	Consumption	Under 40W (Speaker Max 4W)*1	
	Standby mode	2W less	
Power Management		PowerSaver	
Environmental Consideration	Temperature	0~35°C (32° F~95° F)	
	Humidity	90% less	
Dimensions	Outside	426 mm(W) × 406 mm(H) × 193 mm(D)	
Weight	Monitor	5.0kg	
	Carton	1.5kg	

*1 : For Audio Model Only.

Disposal of Used Electrical & Electronic Equipment



The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipments waste. In the European Union and Other European countries which there are separate collection systems for used electrical and electronic product. By ensuring the correct disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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1. Précautions

2. Eléments & Accessoires

3. Installation du moniteur

4. Ajustement du Moniteur

5. Annexes

6. Economie d'énergie

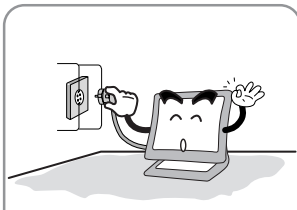
7. Résolution de problèmes techniques

Plug & Play

L'adoption de la nouvelle norme Plug & Play élimine toute installation longue et compliquée. Elle vous permet d'installer votre moniteur avec un système compatible Plug & Play sans énervement et ni confusion habituelle. Votre système peut ainsi automatiquement identifier et configurer lui-même votre moniteur. Ce dernier communique au système OS du PC son EDID (Extended Display Identification Data) en utilisant le protocole DDC (Display Data Channel). De ce fait le PC se configure automatiquement pour se connecter au moniteur.

1 Précautions

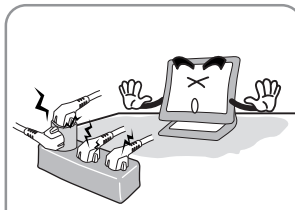
Attention : Les informations suivantes vous aideront à éviter les risques d'électrochoc, de blessure grave ou mortelle.



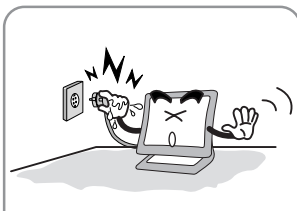
Connectez le cordon d'alimentation à une prise correctement reliée au sol.
Il y a un risque d'électrochoc.



Si vous entendez un bruit ou sentez une odeur particulière s'échappant du PC ou de l'adaptateur, débranchez immédiatement le cordon d'alimentation et appelez le service après-vente. Il y a un risque d'électrochoc et d'incendie.



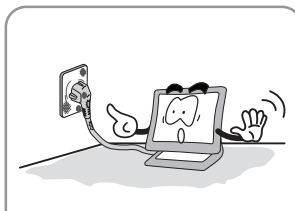
Ne connectez pas ensemble trop d'appareils électriques à votre multiprise.
Il y a un risque d'incendie.



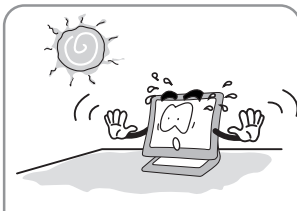
Ne tirez pas le cordon d'alimentation de la prise lorsque vos mains sont humides.
Il y a un risque d'électrochoc et d'incendie.



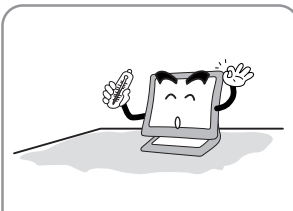
Ne pliez pas le cordon de secteur excessivement ni ne placez d'objet lourd dessus. Gardez enfants et animaux loin du cordon d'alimentation qu'ils pourraient endommager. Il y a un risque d'électrochoc et d'incendie.



N'utilisez pas un cordon d'alimentation endommagé.
Assurez-vous que les connexions soient correctement ajustées. Il y a un risque d'électrochoc et d'incendie.

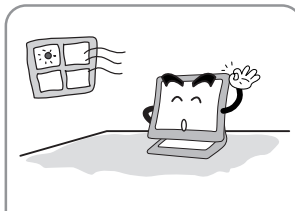


N'exposez pas le moniteur en plein soleil.



Protégez le moniteur des sources de chaleur, humides et poussiéreuses

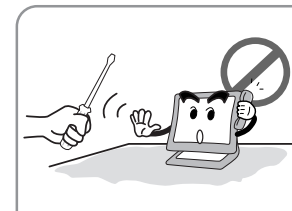
- Environnement optimum.
=0~25 degrés Celsius
- Environnement optimum.
=30~80 degrés d'humidité



Ne bloquez pas les auvents de ventilateur.
Il y a un risque d'incendie ou de dommages causés au moniteur.

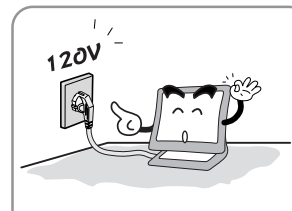


N'introduisez aucun liquide ni objet dans le moniteur.
Il y a un risque d'électrochoc, d'incendie ou de dommages causés au moniteur.

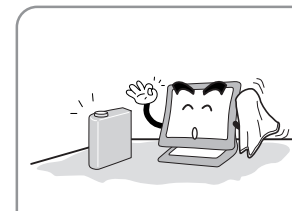


Ne pas désassembler, fixer ou modifier le moniteur.
Il y a un risque d'électrochoc ou d'incendie.

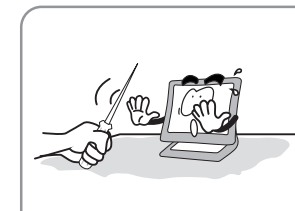
Attention : Les informations suivantes vous aideront à éviter des risques mineurs ou modérés de blessure, ou de dommages causés au moniteur.



Utilisez un voltage couramment utilisé



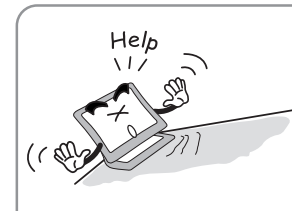
N'utilisez pas de produits chimiques abrasifs pour nettoyer le moniteur LCD.
Il y a un risque de dommage causé à l'écran LCD.



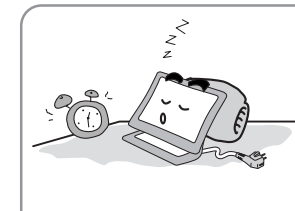
N'éraflez ni n'endommagez le moniteur avec des produits pointus.



Gardez le moniteur à distance des objets et des appareils électriques pouvant générer des champs électromagnétiques.



Placez le moniteur sur une surface plane et stable. Le moniteur pourrait tomber et risquer d'être endommagé ou bien de vous blesser.



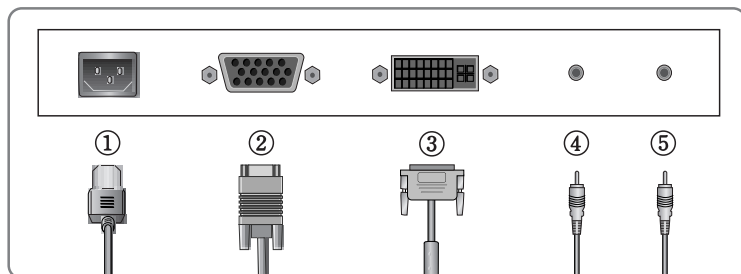
Débranchez le cordon d'alimentation si le moniteur n'est pas utilisé pendant une période prolongée.

2 Éléments & Accessoires

- Guide utilisateur, Moniteur LCD, Cordon d'Alimentation, Câble de signal 15-pin D-Sub, Câble Audio, Câble DVI en option.

3 Installation du moniteur

Comment connecter le cordon d'alimentation et les différents cables ?



No.	Nom	Connections cable
1	Alimentation	Cordon d'Alimentation
2	Câble de signal	Câble de signal 15-pin D-Sub
3	DVI	Câble DVI en option
4	SPK entrée	Câble Audio*1
5	SPK sortie	Haut parleur externe*1

*1 : Pour modèle avec haut parleurs uniquement.

4 Ajustement du Moniteur

- MENU** : 1. Premier clic : le menu OSD apparaît.
2. Deuxième clic : le menu OSD disparaît.
- AUTO** : Quand vous cliquez sur le bouton Auto, la qualité de l'image sera optimisée automatiquement..
- MUTE** : Bouton de mise en sourdine
- Power** : Bouton Marche/Arrêt.
- SEL** : Sélectionne une fonction.
- ▲ : 1. Déplace vers le menu suivant.
2. Diminue l'option sélectionnée.
- ▼ : 1. Déplace vers le menu précédent.
2. Augmente l'option sélectionnée.
- MODE** : Sélectionne le signal d'entrée.(ANALOG ↔DIGITAL)
- VOL** : Boutons de réglage du volume.
- MWE** : Vous pouvez régler manuellement votre moniteur suivant l'environnement de votre PC.

5 Annexes

Modes d'affichage

Mode	Résolution	Fréquence Horizontale (KHz)	Fréquence Verticale (Hz)	Fréquence d'Horloge(MHz)	Sync Polarité (H/V)
VGA	720 X 400	31.468	70.087	28.322	-/+
		31.468	59.940	25.175	-/-
	640 X 480	35.000	66.670	30.240	-/-
SVGA	800 X 600	37.500	75.000	31.500	-/-
		37.879	60.300	40.000	+/+
		48.077	72.188	50.000	+/+
XGA	1024 X 768	46.875	75.000	49.500	+/+
		48.363	60.004	65.000	-/-
		56.476	70.000	75.000	-/-
XGA+	1152 X 864	60.023	75.029	78.750	+/+
SXGA	1280 X 1024	67.500	75.000	108.000	+/+
		63.981	60.020	108.000	+,-/+,-
		79.976 *1	75.025 *1	135.000 *1	+/+ *1

*1 : Pour mode analogique uniquement.

6 Economie d'énergie

Ce moniteur intègre un système d'économie d'énergie. En commutant votre moniteur en mode basse consommation d'énergie, lorsque celui-ci n'a pas été utilisé pendant un certain temps, le système déclenche la procédure "Economise d'énergie". Si vous n'utilisez pas votre moniteur pendant longtemps, il faut l'éteindre.

Etat	Alimentation Consommation	Mode usine Heure	LED Couleur
Allumé	< 40W	—	Vert
OFF	< 2W	Sous 2 secondes	Ambre

Ce que vous voyez	Suggestion
L'écran est noir et le signal de marche n'est pas allumé	Assurez-vous que le cordon d'alimentation soit correctement branché et que le moniteur LCD soit allumé.
Message: Fréquence video trop élevée	<ul style="list-style-type: none"> Vérifiez la résolution maximale et la fréquence de l'adaptateur vidéo. Comparez ces valeurs avec les informations disponibles dans le diagramme de Synchronisation des Modes d'Affichage
Message "PAS DE SIGNAL D'ENTRÉE"	<ul style="list-style-type: none"> Assurez-vous que le câble signal soit correctement connecté au PC ou aux sources vidéos. Assurez-vous que le PC ou les sources vidéos soient allumés.
L'image n'est pas stable et semble tressauter	<ul style="list-style-type: none"> Assurez-vous que la résolution d'affichage et la fréquence de votre PC soient un mode disponible pour votre moniteur. Sur votre ordinateur vérifiez : Panneau de Contrôle, Affichage et Réglages.
L'image est trop claire ou trop sombre	<ul style="list-style-type: none"> Ajustez la Luminosité et le Contraste Référez-vous à "LUMINOSITÉ/CONTRASTE"
La couleur de l'image n'est pas bonne	<ul style="list-style-type: none"> Réglez la Couleur Référez-vous à "COULEUR"
L'image n'est pas centrée sur l'écran	<ul style="list-style-type: none"> Cliquez sur "RÉGLAGE AUTOMATIQUE".
L'écran est blanc et l'indicateur marche est de couleur ambre.	<ul style="list-style-type: none"> Le Moniteur est en mode Economiseur d'Energie. Déplacez la souris ou cliquez sur une touche du clavier.

Spécifications

MODE		Analogue	Numerique
Panneau	Type	TFT active matrix	
	Taille	19 pouces	
		376.32 × 301.056(mm)	
	Pixel	0.294 × 0.294 (mm)	
Couleurs	8-bit (16,777,216 couleurs)		
Affichage	Basique	1280 × 1024@60Hz	
	Maximum	1280 × 1024@75Hz	1280 × 1024@60Hz
Fréquence	Horizontale	31.5 ~ 80KHz	31 ~ 64KHz
	Verticale	56 ~ 75Hz	59 ~ 61Hz
Connecteur		Connecteur 15-pin D-Sub	Connecteur DVI broche
		Câble Audio *1	
Degré d'inclinaison (U/D)		-5°~25° Degrés	
Plug&Play		VESA DDC 1/2B	
Alimentation	Interne	100~240VAC, 50/60Hz, 0.7A	
	Consommation	Sous les 40W	
	Mode veille	Moins de 2W	
Gestion de l'Alimentation		Economie d'énergie	
Conditions Environnementales	Température	0~35° C (32° F~95° F)	
	Humidité	90% ou moins	
Dimensions	Sans carton	426 mm(W) × 406 mm(H) × 193 mm(D)	
Poids	Moniteur	5.0kg	
	Carton	1.5kg	

*1 : Pour modèle avec haut parleur uniquement.



Traitement des appareils électriques et électroniques en fin de vie (applicable dans les pays de l'union européenne et aux autres pays européens disposant de systèmes de collecte sélective).

Ce symbole, apposé sur le produit ou sur son emballage, indique que ce produit ne doit pas être traité avec les déchets ménagers. Il doit être remis à un point de collecte approprié pour le recyclage des équipements électriques et électroniques. En s'assurant que ce produit est bien mis au rebus de manière appropriée, vous aiderez à prévenir les conséquences négatives potentielles pour l'environnement et la santé humaine. Le recyclage des matériaux aidera à conserver les ressources naturelles. Pour toute information supplémentaire au sujet du recyclage de ce produit, vous pouvez consulter votre municipalité, votre déchetterie ou le magasin où vous avez acheté le produit.

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the user's authority to operate such equipment.

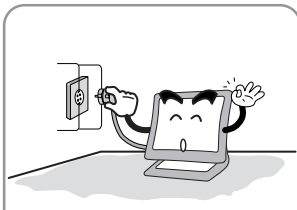
-
- 1. Sicherheitsanweisungen**
 - 2. Teile**
 - 3. Aufstellen des Monitors**
 - 4. Tasten an der Vorderseite**
 - 5. Anhang**
 - 6. Power Saver**
 - 7. Störungen beheben**

Was ist Plug & Play?

Bei der Installation von Monitor macht die Funktion von VESA Plug and Play ohne die zeitaufwendige Installationsprozedur den Monitor funktionsfähig. Sie können Ihren Monitor in einem Plug & Play System installieren. Mit Plug and Play System erkennt das Computersystem den Monitor bzw. Einstellungsprogramm für den Monitor und richtet ihn automatisch ein.

1 Sicherheitsanweisungen

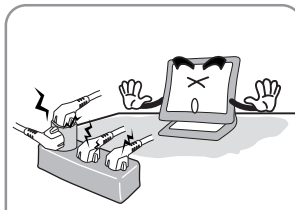
⚠ Warnung : Bei den folgenden Fällen kann man Stromschläge oder schwere Verletzungen bekommen oder sterben.



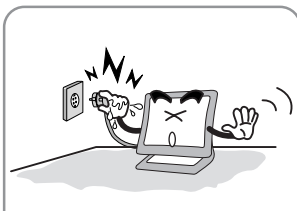
Stecken Sie den Netzstecker in die geerdete Steckdose. Stromschlaggefahr.



Ziehen Sie den Netzstecker heraus, wenn der Monitor knistert oder qualmt, und rufen Sie Service Center an. Dies könnte ein Feuer verursachen.



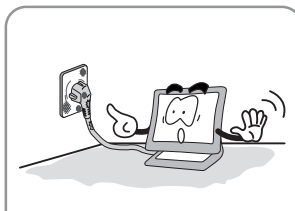
Schließen Sie nicht zu viele Verlängerungskabel oder Netzstecker an eine Steckdose an. Dies könnte ein Feuer verursachen.



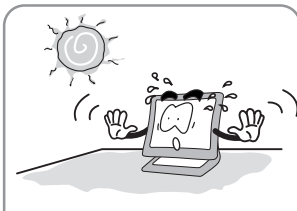
Ziehen Sie den Stecker nicht am Kabel heraus und berühren Sie nicht mit den nassen Händen. Dies könnte elektrischen Schlag oder Feuer verursachen.



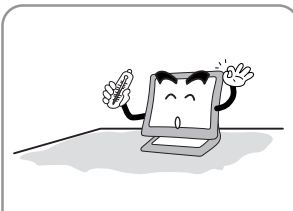
Stellen Sie keine schweren Objekte auf den Netzstecker. Lassen Sie die Kinder oder Haustiere den Netzstecker nicht berühren. Dies könnte elektrischen Schlag oder Feuer verursachen.



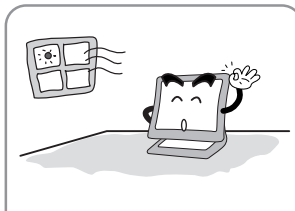
Benutzen Sie keinen schadhaften oder locker sitzenden Netzstecker. Dies könnte elektrischen Schlag oder Feuer verursachen.



Stellen Sie den Monitor nicht direkt neben dem Fenster auf, wo direktes Licht oder Sonnenstrahlung auf die Bildschirmoberfläche fällt.



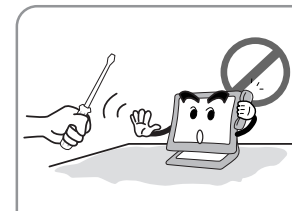
Benutzen Sie den Monitor nicht an heißem, feuchtem oder staubigem Ort.
 ■ Angemessene Temperatur : 0~25 °C
 ■ Angemessene Feuchtigkeit : 30-80RH



Decken Sie nichts über die Lüftungsöffnungen des Monitorgehäuses. Dies könnte Funktionsausfall oder ein Feuer verursachen.

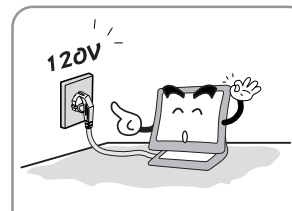


Lassen Sie keine Substanzen in den Monitor hinein. Dies könnte Funktionsausfall, elektrischen Schlag oder Feuer verursachen.

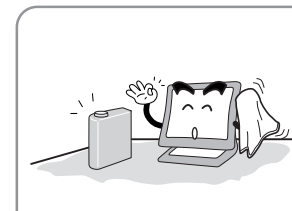


Zerlegen, reparieren oder verändern Sie nicht den Monitor. Dies könnte elektrischen Schlag oder Feuer verursachen.

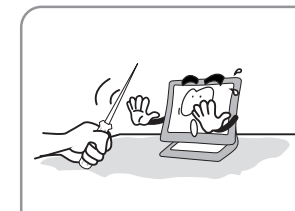
⚠ Achtung : Folgende Fälle könnten leichte Verletzung oder Schäden verursachen.



Überprüfen Sie die Spannungsversorgung, bevor Sie den Netzstecker an die Steckdose anschließen.



Reinigen Sie nicht mit Azeton, Äthylalkohol oder säuerlichem Reinigungsmittel den Bildschirm von LCD-Monitor. Dies kann die Oberfläche beschädigen.



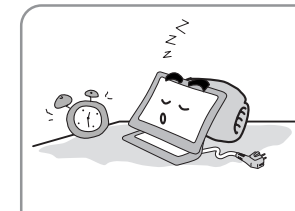
Halten Sie den Monitor von den scharfen Gegenständen(Nagel, Nadel) fern. Sie können die Bildschirmoberfläche beschädigen.



Halten Sie den Monitor von magnetischen Substanzen, Metall und entzündlichen Stoffen fern.



Stellen Sie den Monitor nicht auf eine schiefe Arbeitsfläche auf. Wenn er herunterfällt, kann er Verletzungen oder Beschädigung verursachen.



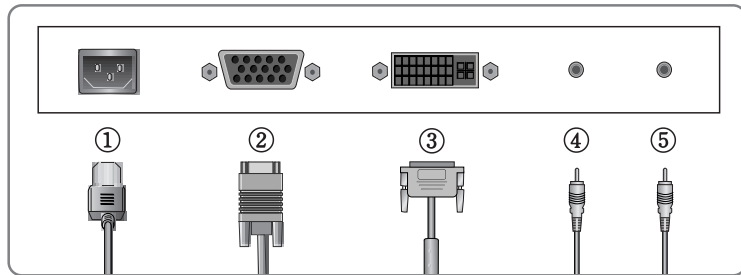
Ziehen Sie den Netzstecker aus, wenn Sie den Monitor über einen längeren Zeitraum nicht benutzen oder ausgehen.

2 Teile

- Benutzerhandbuch, LCD Monitor, Netzanschlußkabel, 15 pin D-Sub Kabel, Ständer, Audiokabel, DVI Kabel.

3 Aufstellen des Monitors

Anschließen des LCD Monitors



No.	Teile	Kabelanschluß
1	Stromquelle	Netzanschlußkabel
2	D-Sub Kabel	15 pin D-Sub Signalkabel
3	DVI	DVI Kabel
4	Audio in	Audiokabel *1
5	Lautsprecher out	Lautsprecherkabel *1

*1 : Es gilt nur für das Audiomodell.

4 Tasten an der Vorderseite

- Menü : 1. Erstes Drücken: OSD Mainmenü öffnen
 2. Zweites Drücken: OSD Mainmenü schließen
- AUTO : Mit Auto kann das Bild eingestellt werden.
- MUTE : Ton Ein/Aus Taste
- POWER: Power Ein/Aus Taste
- SEL : Sel Taste für Auswahl im Menü
- ▲ : 1. Im OSD Menü platzieren Sie mit dieser Taste nach unten.
 2. Mit dieser Taste kann eingestellter Parameterwert abgenommen werden.
 - ▼ : 1. Im OSD Menü platzieren Sie mit dieser Taste nach oben.
 2. Mit dieser Taste kann eingestellter Parameterwert zugenommen werden.
- MODE : You can change the display mode.(ANALOG↔DIGITAL)
- VOL : Lautstärke
- MWE : Mit der MWE Taste wird der Bildschirm entsprechend der Benutzeroberfläche eingestellt.

5 Anhang

Unterstützte Auflösung

Modus	Monitor-auflösung	Horizontal-frequenz(KHz)	Vertikal-frequenz(Hz)	Pixeltakt (MHz)	Sync-Polarität(H/V)
VGA	720 X 400	31.468	70.087	28.322	-/+
		31.468	59.940	25.175	-/-
	640 X 480	35.000	66.670	30.240	-/-
SVGA	800 X 600	37.500	75.000	31.500	-/-
		37.879	60.300	40.000	+/+
		48.077	72.188	50.000	+/+
XGA	1024 X 768	46.875	75.000	49.500	+/+
		48.363	60.004	65.000	-/-
		56.476	70.000	75.000	-/-
XGA+	1152 X 864	60.023	75.029	78.750	+/+
SXGA	1280 X 1024	67.500	75.000	108.000	+/+
		63.981	60.020	108.000	+,-/+,-
		79.976 *1	75.025 *1	135.000 *1	+/+ *1

*1 : Es gilt nur für Analogmodus.

6 Power Saver

Dieser LCD Monitor verfügt über ein integriertes Strommanagementsystem mit Bezeichnung Power Saver. Durch die Option Power Saver kann der Bildschirm in Energiesparmodus gesetzt werden. Wir empfehlen, den Netzstecker herauszuziehen, wenn Sie den Monitor über einen längeren Zeitraum nicht benutzen.

Betriebszustand des Monitors	Stromverbrauch	Zeit für das Zurückkehren in den normalen Betriebszustand	Farbe der LED-Anzeige
ON	unter 40Watt	—	Grün
OFF	unter 2w	innerhalb von 2 Sekunden	Orange

7 Störungen beheben

Problem mit Monitor	Checkliste und Lösung
Es ist kein Bild auf dem Bildschirm. Der Monitor wird nicht eingeschaltet.	Überprüfen Sie, ob der Netzstecker richtig angeschlossen wird.
Es gibt folgende Meldung: Videomodus wird nicht unterstützt.	Diese Meldung erscheint, wenn das Signal von der Videokarte die dem Monitor angemessene maximale Auflösung und Frequenz übersteigt. Die Information darüber befindet sich im Menü. Stellen Sie die dem Monitor angemessene maximale Auflösung und Frequenz ein. Sehen Sie die Tabelle für die unterstützte Auflösung.
Es gibt folgende Meldung: kein Signal	<ul style="list-style-type: none"> Überprüfen Sie, ob das Signalkabel am Monitor und am PC richtig angeschlossen ist. Überprüfen Sie, ob Ihr Monitor in den Energiesparmodus geschaltet wird.
Das Bild wackelt. Auf dem Bildschirm erscheinen es Schatten. Das Bild ist nicht scharf.	Überprüfen Sie, ob die Frequenz und die Auflösung der Videokarte dem Monitor angemessen eingestellt werden. Sehen Sie die Frequenz- und Bildschirmeinstellung, Auflösungsmodus und Frequenztabelle.
Das Bild ist zu dunkel.	Stellen Sie die Helligkeit ein. Sehen Sie die Helligkeit im OSD Menü.
Die Farben sind falsch(Weiß sieht nicht weiß aus).	Sehen Sie die Farben im OSD Menü. Sie können die Farben regulieren.
Das Bild bewegt sich fließend.	Führen Sie AUTO Funktion aus. Überprüfen Sie das Signalkabel und neu anschließen, wenn das Problem nicht behebt wird. Das Symptom zeigt sich auch, wenn Grafikkarte alt ist.
Das Bild befindet sich nicht in richtiger Position. Das Hintergrundbild erscheint nicht im Vollbild.	Führen Sie AUTO Funktion aus.
Betriebsanzeige leuchtet orange.	Der Monitor wird in den Energiesparmodus geschaltet, wenn er über einen bestimmten Zeitraum nicht benutzt wird. Der Monitor kehrt in den normalen Betriebszustand, wenn Sie die Maus bewegen oder eine Taste auf der Tastatur drücken. Dabei leuchtet die Betriebsanzeige grün.

Anhang A. Technische Daten

Modus		Analog	Digital
Panel	Typ	TFT active matrix	
	Größe	19 inch	
		376.32 × 301.056(mm)	
	Pixel Stufe	0.294 × 0.294 (mm)	
Anzeigefarbe	8-bit (16,777,216 colors)		
Monitors- auflösung	Optimum	1280 × 1024@60Hz	
	Maximal	1280 × 1024@75Hz	1280 × 1024@60Hz
Synchron- isierung	Horizontal	31.5 ~ 80KHz	31 ~ 64KHz
	Vertikal	56 ~ 75Hz	59 ~ 61Hz
Buchse		15 pin D-Sub Buchse	DVI Buchse
		Audio in/Lautsprecher out(Audiokabel)*1	
Schrägwinkel		-5°~25° Grad	
Plug&Play		VESA DDC 1/2B	
Stromquelle	Stromversorgung	Stromversorgungsbedingung : 100~240VAC, 50/60Hz, 0.7A	
	Stromverbrauch	unter 40W(Lautsprecher: maximal 4W)*1	
	Standby Modus	unter 2W	
Strommanagement		Power Saver	
Betriebsbe- dingungen	Temperatur	0~35° C (32° F~95° F)	
	Luftfeuchtigkeit	unter 90%	
Abmessung	Größe	426 mm(W) × 406 mm(H) × 193 mm(D)	
Gewicht	Monitor	5.0kg	
	Verpackung	1.5kg	

*1 : Es gilt nur für Audiomodell



**Entsorgung von gebrauchten elektrischen und elektronischen Geräten
(Anzuwenden in den Ländern der Europäischen Union und anderen europäischen
Ländern mit einem separaten Sammelsystem für diese Geräte)**

Das Symbol auf dem Produkt oder seiner Verpackung weist darauf hin, dass dieses Produkt nicht als normaler Haushaltsabfall zu behandeln ist, sondern an einer Annahmestelle für das Recycling von elektrischen und elektronischen Geräten abgegeben werden muss. Durch Ihren Beitrag zum korrekten Entsorgen dieses Produkts schützen Sie die Umwelt und die Gesundheit Ihrer Mitmenschen. Umwelt und Gesundheit werden durch falsches Entsorgen gefährdet. Materialrecycling hilft den Verbrauch von Rohstoffen zu verringern. Weitere Informationen über das Recycling dieses Produkts erhalten Sie von Ihrer Gemeinde, den kommunalen Entsorgungsbetrieben oder dem Geschäft, in dem Sie das Produkt gekauft haben.

FCC STATEMENT

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- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
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Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the user's authority to operate such equipment.

1. Attenzione

2. Articoli contenuti

3. Direzione di installazione del monitor

4. Istruzione dell'uso dei tasti sulla parte anteriore del monitor

5. Appendice

6. Funzione di modalità risparmio di energia (PowerSaver)

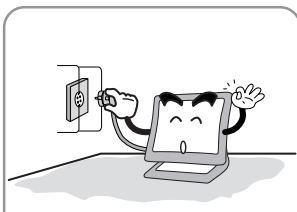
7. Risolvere problemi straordinari del monitor

Che cosa è funzione di "Plug and Play"?

VESA "plug and play" è una funzione che fa operare il monitor senza alcun'allestimento particolare. Quando l'utilizzatore installa il monitor, basta disporre come un 'plug and play' monitor per operare. Una volta il monitor è collegato ad elettricità, viene allestito automaticamente trovando il driver necessario e l'informazione portato dal monitor.

1 Attenzione

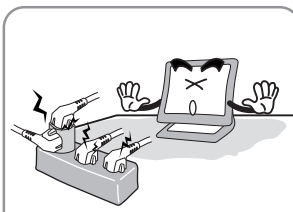
! **Cauzione** : Dei Casi che possono provocare danni severi e scosse elettriche, persino morte.



Collegare il connettore alla presa collegato a terra. Si puo' causare scosse elettriche.



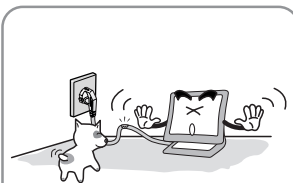
Se si sente rumore acustico o odore, si deve subito disconnettere l'elettricità e chiamare il centro servizio del prodotto. Puo' causare il rischi di incendio. .



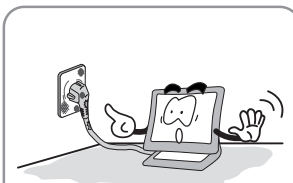
Evitare di collegare diversi connettori d'elettricità ad una presa elettrica. Puo' causare il rischi di incendio. .



Non tirare la parte del cavo di connettore o toccare il connettore con le mani bagnate. Puo' causare scosse elettriche rischi di incendio.



Evitare di appoggiare o sovrapporre oggetti pesanti sopra il cavo di alimentazione e mettere fuori mano da bambini e animali. Puo' causare scosse elettriche o rischi di incendio.



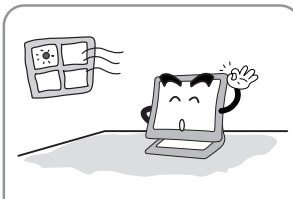
Non usare connettore rotto o presa non fissa. Puo' provocare scosse elettriche o rischi di incendio.



Evitare di mettere il monitor alla luce diretta del sole o vicino alla finestra.



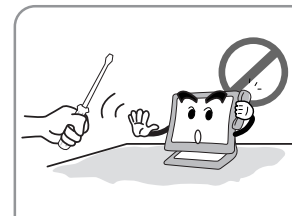
Evitare di usare il monitor in ambiente di alta temperatura o umidità, in ambiente polveroso.
■ Temperatura (appropriata) = 0-25°C
■ Uminità (appropriata) = 30-80RH



Non Bloccare le feritoie di ventilazione. Puo' provocare danni e anche rischi di incendio.

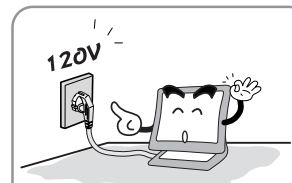


Non far entrare sostanza estranea dentro il prodotto. Puo' causare guasto, scosse elettriche o il rischi di incendio.

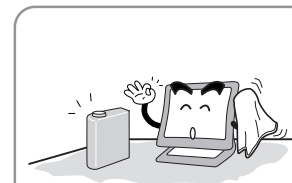


Non disfare, riparare, trasformare indiscriminatamente. Puo' causare rottura, shock elettrico o il rischi di incendio. .

! **Attenzione** : Dei casi che possono causare lievi danni e ferita leggera.



Bisogna assicurare il voltaggio prima di collegare il monitor ad elettricità.



La parte LCD del monitor puo' essere danneggiato da alcol oppure da agenti detergenti acidi.



Fare attenzione di non grattare superficie di LCD con gli oggetti con bordo tagliente (chiodo, trapano etc) .



Evitare di avvicinare dispositivi magn, metallici o materiali infiammabili vicino al monitor.



Non ciloccare il monitor su piano inclinato o insicuro. Prodotto puo' cadere e puo' far ferire la gente.



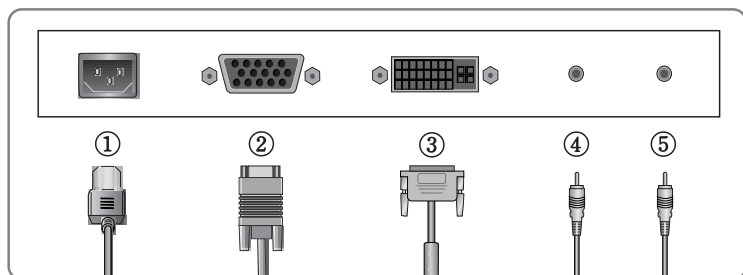
Spegnere sempre il monitor se ci si allontana per un periodo di tempo prolungato e quando si esce.

2 Articoli contenuti

- Gli articoli contenuti nel pacchetto sono; Istruzione dell'uso per utilizzatore, LCD(Display a Cristalli Liquidi) monitor, Cavo di D-Sub, Piedistallo, Audio Cavo, DVI cavo segnale.

3 Direzione di installazione del monitor

Direzione di connettere i cavi del LCD monitor



No.	Connettore	Collegamento di cavo
1	Alimentazione input	Cordon d'Alimentation
2	D-Sub cavo input	Câble de signal 15-pin D-Sub
3	DVI	DVI cavo segnale
4	Audio input	Audio Cavo *1
5	Altoparlante output	Cavo di altoparlante esteriore *1

*1 : Caso applicato solo a modello audio.

4 Istruzione dell'uso dei tasti sulla parte anteriore del monitor

- MENU** : Il primo click visualizza il OSD menu principale.
Il secondo click fa uscire dal OSD menu principale.
- AUTO** : Tasto che si usa per ontrolare lo schermo automaticamente. Regolazione automatico.
- MUTE** : Tasto di Muto (accendere e spegnere suono)
- POWER** : Tasto di accensione ; Questo tasto consente di accendere e spegnere il monitor.
- SEL** : Tasto che si usa per selezionare articolo desiderato
- ▲ : 1. Tasto che si usa per muovere ad articolo prossimo in OSD menu
2. Tasto che si usa per diminuire il valore configurato.
 - ▼ : 1. Tasto che si usa per muovere ad articolo precedente in OSD menu
2. Tasto che si usa per aumentare il valore configurato.
- MODE** : You can change the display mode.(ANALOG↔DIGITAL)
- VOL** : Volume.
- MWE** : Tasto che permette di controllare e regolare velocemente lo stato dello schermo secondo l'ambiente dell'utilizzatore

5 Appendice

Tabella valori di frequenze supportati dal prodotto

Modo	Risoluzione	Frequenza di sincronizzazione orizzontale(KHz)	Frequenza di sincronizzazione verticale(Hz)	Frequenza Dot clock(MHz)	Polarità (H/V)
VGA	720 X 400	31.468	70.087	28.322	-/+
	640 X 480	31.468	59.940	25.175	-/-
		37.500	75.000	31.500	-/-
SVGA	800 X 600	37.879	60.300	40.000	+/+
		48.077	72.188	50.000	+/+
		46.875	75.000	49.500	+/+
XGA	1024 X 768	48.363	60.004	65.000	-/-
		56.476	70.000	75.000	-/-
		60.023	75.029	78.750	+/+
XGA+	1152 X 864	67.500	75.000	108.000	+/+
SXGA	1280 X 1024	63.981	60.020	108.000	+,-/+,-
		79.976 *1	75.025 *1	135.000 *1	+/+ *1

*1 : Valore applicato solo in stato analogico

6 Funzione di modalità risparmio di energia (PowerSaver)

Il monitor acquistato ha una funzione di modalità risparmio di energia (PowerSaver) che permette di risparmiare elettricità' entrando in DPM, quando utilizzatore non usa il monitor per un certo tempo.

Ma, si raccomanda di staccare il cavo di alimentazione del monitor se ci si allontana per un periodo di tempo prolungato.

stato del monitor	consumazione d'elettricità	tempo di ripresa	colore di LED
acceso	meno di 40W	—	verde
spento	meno di 2W	meno di 2 secondi	arancio

Monitor è strano	punti da verificare
Non si vede niente o non si può accendere il monitor	Verificare se il cavo di alimentazione sia collegato appropriatamente alla presa.
E' apparito messaggio "video mode not supported" sullo schermo	Questo problema sorge quando i segnali da scheda video del PC superano i valori massimi di frequenza e risoluzione del monitor. Bisogna controllare che risoluzione e frequenza non vengano superati i valori massimi di frequenze supportati. Informazioni necessari possono essere trovati sul menu. Osservate la tabella dei valori di frequenza e risoluzione supportati dal prodotto.
E' apparito messaggio "no signal" sullo schermo	Esaminare il cavo tra monitor e PC e assicurare che il cavo sia connesso solidamente. E controllare se il vostro PC non sia in DPM (modalità risparmio di energia).
Lo schermo di monitor trema e non e' chiaro, si vede ombra sullo schermo.	Osservare la tabella di risoluzioni e frequenze supportati dal prodotto. Verificare se risoluzione e frequenza da scheda video del PC stiano nell' area di capacita' supportata del monitor e aggiustare i valori di frequenza e di fase.
Lo schermo e' buio	Aggiustare l'umidità dello schermo di monitor nel OSD menu.
Il colore di bianco non sembra bianco. (Il colore dello schermo non è normale)	Aggiustare il colore nel OSD menu. Utilizzatore può controllare il colore a sua discrezione.
Sembra che lo schermo presenti ondulazioni	Attuare il regolazione automatico(AUTO). Se lo stato ancora non cambia, aggiustare il collegamento del cavo del segnale per assicurarsi che tutte le connessioni siano solide. Questo problema può essere provocato anche da componente video scheda vecchia.
Dimensione o posizione dello schermo e' strano.	Attuare il controllo automatico(AUTO).
la luce di LED e' diventato arancio	Il monitor è in modalità di risparmio di energia (DPM). Se si sposta il mouse o si preme un tasto qualsiasi sulla tastiera, lo schermo riattiva e la luce ritornerà a verde.

Appendice A. Specifiche del prodotto

Modo		Analogico	Digital
Pannello LCD (DISPLAY A CRISTALLI LIQUIDI)	Tipo	TFT active matrix	
	Dimensione	19 inch	
		376.32 × 301.056(mm)	
	Pixel pitch	0.294 × 0.294 (mm)	
Colori espressivi	8-bit (16,777,216 Colori)		
Risoluzione	Generale	1280 × 1024@60Hz	
	Massimo	1280 × 1024@75Hz	1280 × 1024@60Hz
Frequenza	Larghezza	31.5 ~ 80KHz	31 ~ 64KHz
	Altezza	56 ~ 75Hz	59 ~ 61Hz
Connettore		15 pin D-Sub connettore	DVI connettore
		Audio input/altoparlante output(cavo audio)*1	
Inclinazione (U/D)		-5°~25°	
Plug&Play		VESA DDC 1/2B	
Consumo di Elettricità	Input	Condizione di Input elettricità: 100~240VAC, 50/60Hz, 0.7A	
	Acceso	Meno di 40W (altoparlante ad massimo throughput ; 4W)*1	
	stand-by / suspend	Meno di 2W	
Controllo di Elettricità		modalità risparmio di energia (PowerSaver)	
Condizioni ambientali	Temperature	0~35° C (32° F~95° F)	
	Umidità	Meno di 90%	
Dimensione del Prodotto	Dimensioni esteriori	426 mm(W) × 406 mm(H) × 193 mm(D)	
Peso	Monitor	5.0kg	
	Pacchetto	1.5kg	

*1 : Caso applicato solo a "modelo audio"



Trattamento del dispositivo elettrico od elettronico a fine vita (Applicabile in tutti i paesi dell'Unione Europea e in quelli con sistema di raccolta differenziata)

Questo simbolo sul prodotto o sulla confezione indica che il prodotto non deve essere considerato come un normale rifiuto domestico, ma deve invece essere consegnato ad un punto di raccolta appropriato per il riciclo di apparecchi elettrici ed elettronici. Assicurandovi che questo prodotto sia smaltito correttamente, voi contribuirete a prevenire potenziali conseguenze negative per l'ambiente e per la salute che potrebbero altrimenti essere causate dal suo smaltimento inadeguato. Il riciclaggio dei materiali aiuta a conservare le risorse naturali. Per informazioni più dettagliate circa il riciclaggio di questo prodotto, potete contattare l'ufficio comunale, il servizio locale di smaltimento rifiuti oppure il negozio dove l'avete acquistato.

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the user's authority to operate such equipment.

1. Precauciones

2. Accesorios

3. Instalación del monitor de LCD

4. Ajustes del monitor

5. Apéndice

6. Ahorro de energía

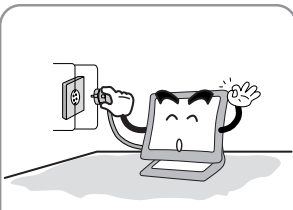
7. Guía de fallas

Conexión y reproducción (Plug & Play)

La aceptación de la nueva solución "VESA Plug and Play" elimina los complicados tiempos de ajustes. Esto le permite instalar su monitor en el sistema compatible "Plug and Play". Su sistema de PC puede fácilmente configurarse para su uso con esta pantalla. El monitor automáticamente le comunica su sistema de PC sus Datos de Identificación de Pantalla Extendida "Extended Display Identification Data" (EDID) utilizando los protocolos de Canal de Datos en Pantalla "Display Data Channel" (DDC), así que su sistema de PC se configura automáticamente para utilizar la pantalla.

1 Precauciones

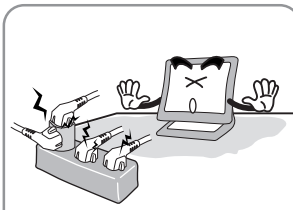
⚠ Cuidado : La siguiente información es útil en contra de riesgo de choque eléctrico, lesiones serias y muerte.



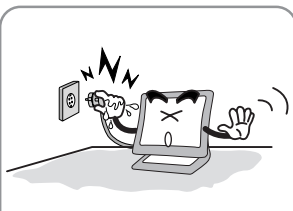
Conecte el cable de alimentación al contacto de energía eléctrica. Puede existir riesgo de choque eléctrico.



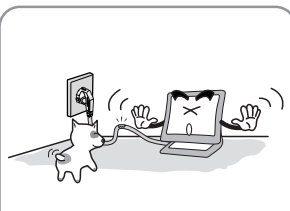
Si escucha ruido o nota la presencia de humo desde el monitor o adaptador, desconecte el cable de alimentación inmediatamente y llame al centro de servicio autorizado. Existe riesgo de choque eléctrico o fuego.



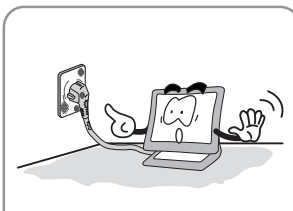
No sobrecargue la conexión eléctrica con muchos equipos. Existe riesgo de choque eléctrico o fuego.



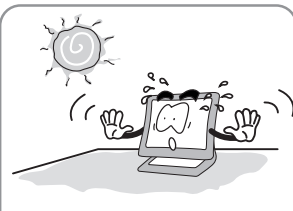
No tire del cable de alimentación para desconectar el equipo o cuando sus manos se encuentren húmedas. Existe riesgo de choque eléctrico o fuego.



No doble el cable de alimentación o coloque objetos pesados sobre él. Mantenga alejados a los niños y mascotas del cable de alimentación ya que pueden dañar el cable de alimentación. Existe riesgo de choque eléctrico o fuego.



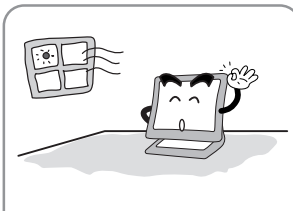
No utilice un cable de alimentación dañado. Asegúrese de que la clavija quede introducida correctamente en la conexión eléctrica. Existe riesgo de choque eléctrico o fuego.



No exponga el monitor directamente a la luz del sol.



Mantenga el monitor alejado de las altas temperaturas, humedad y el polvo.
■ Ambiente de operación = 0-25 grados centígrados
■ Ambiente de operación = 30-80 humedad relativa



No bloquee las áreas de ventilación. Puede haber riesgo de fuego o daños al monitor.

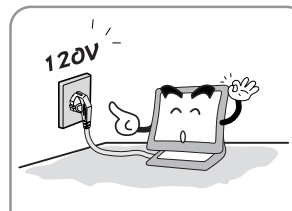


No permita que algún objeto o líquido se introduzcan en el monitor. Puede haber riesgo de fuego, daños al monitor o choque eléctrico.

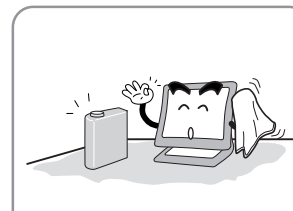


No intente destapar, arreglar o modificar el monitor. Puede haber riesgo de fuego, daños al monitor o choque eléctrico.

⚠ Cuidado : La siguiente información le ayudará contra cualquier tipo de daño que pueda sufrir el monitor.



Utilice el voltaje/corriente indicados por el fabricante.



No limpie la pantalla de LCD con abrasivos químicos. Existe riesgo de que dañe la pantalla de LCD.



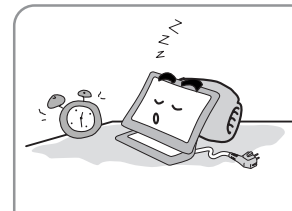
No rasguñe y dañe la pantalla de LCD con objetos filosos.



Mantenga el monitor lejos de los objetos y equipos eléctricos, éstos pueden generar campos electromagnéticos.



Coloque el monitor en una superficie estable y plana. El equipo se puede caer y dañar.



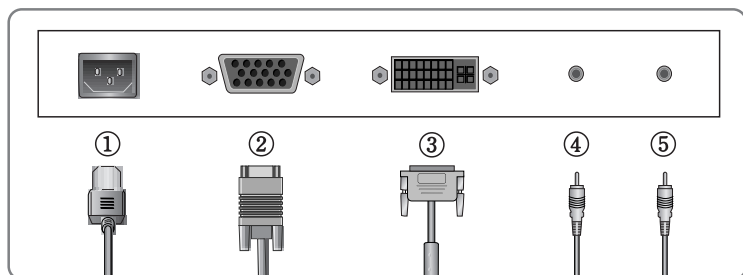
Desconecte el cable de alimentación cuando el equipo no se utiliza por un periodo largo de tiempo.

2 Accesorios

- Manual de instrucciones, Monitor de LCD, Cable de alimentación, Cable de señal de 15-pin D-Sub, Base, Cable de Audio, Cable DVI.

3 Instalación del monitor de LCD

Cómo conectar el cable de alimentación y los demás cables del monitor.



No.	Name	Cable connections
1	Alimentación	Cable de alimentación
2	Cable de señal	15-pin D-Sub Cable de señal
3	DVI	Cable DVI
4	SPK IN	Cable Parlante *1
5	SPK OUT	Cable parlante externo *1

*1 : Solo con modelos de Audio.

4 Ajustes del monitor

- MENU** : 1. Oprimir una vez : El menú OSD (On Screen Display) aparece en pantalla.
2. Oprimir una segunda vez : Desaparece el menú OSD.
- AUTO** : Cuando oprime el botón "Auto", éste mejorará la calidad de la imagen automáticamente.
- MUTE** : Silenciar Botón On/Off.
- Power** : Botón de Encendido/Apagado.
- SEL** : Selecciona una función de comando.
- ▲ : 1. Cambia el comando elegido en la pantalla al siguiente comando.
2. Reduce el valor de la opción elegida.
 - ▼ : 1. Cambia el comando elegido en la pantalla al anterior comando.
2. Aumenta el valor de la opción elegida.
- MODE** : Selecciona la señal de entrada.(ANALOG ↔DIGITAL)
- VOL** : Volumen.
- MWE** : Usted puede ajustar manualmente la pantalla al entorno de su computadora.

5 Apéndice

Modos en pantalla

Modo	Resolución	Horizontal Frecuencia(KHz)	Vertical Frecuencia(KHz)	Pixel Clock Frecuencia(KHz)	Sync Polaridad(H/V)
VGA	720 X 400	31.468	70.087	28.322	-/+
		31.468	59.940	25.175	-/-
		35.000	66.670	30.240	-/-
SVGA	800 X 600	37.500	75.000	31.500	-/-
		37.879	60.300	40.000	+/+
		48.077	72.188	50.000	+/+
XGA	1024 X 768	46.875	75.000	49.500	+/+
		48.363	60.004	65.000	-/-
		56.476	70.000	75.000	-/-
XGA+	1152 X 864	60.023	75.029	78.750	+/+
SXGA	1280 X 1024	67.500	75.000	108.000	+/+
		63.981	60.020	108.000	+,-/+,-
		79.976 *1	75.025 *1	135.000 *1	+/+ *1

*1 : Solo para modelos Análogos.

6 Ahorro de energía

Este monitor ha sido construido con un sistema de administración energía llamado PowerSaver. Este sistema ahorra energía cambiando su monitor a un modo de baja potencia cuando no se ha utilizado por un cierto periodo de tiempo.

Estado	Consumo de potencia	Tiempo de recuperación	Color de LED
Encendido	40W	—	Verde
Apagado	Menos de 2W	2 segundos	Ambar

Qué visualiza?	Sugerencias
La pantalla está negra y el indicador de energía está apagado.	Asegúrese que el cable de alimentación esté bien conectado y el monitor se encuentre encendido.
Mensaje "NO SOPORTA MODO DE VIDEO"	<ul style="list-style-type: none"> • Verifique la máxima resolución y la frecuencia del video adaptador. • Compare éstos valores con lo datos del cuadro de Modos en Pantalla.
Mensaje "NO SEÑAL"	<ul style="list-style-type: none"> • Asegúrese que el cable de señal esté bien conectado a su PC o fuente de video. • Asegúrese que su PC o sus fuentes de video estén encendidas.
La imagen no es estable y puede parecer que vibra.	<ul style="list-style-type: none"> • Verifique la resolución y frecuencia de la pantalla de su PC o tarjeta de video estén en los modos disponibles para su monitor. Verifique en su computadora : Panel de Control, Pantalla, Ajustes. • Nota : Su monitor soporta funciones en pantalla "multiscan" dentro de las siguientes frecuencias.
La imagen es muy oscura o clara.	<ul style="list-style-type: none"> • Ajuste el brillo o el contraste. • Refiérase a Brillo/Contraste.
El color de la imagen no es muy buena.	<ul style="list-style-type: none"> • Ajustes de color • Refiérase a la sección de color
La imagen no está centrada en la pantalla.	<ul style="list-style-type: none"> • Ejecute la Auto Ajuste.
La pantalla está en blanco y el indicador de energía es color amarillo o se encuentra parpadeando cada 0.5 o 1 segundos	<ul style="list-style-type: none"> • El monitor está utilizando su sistema de control de energía. • Mueva el ratón o presione algún botón del teclado.

Apendice A. Especificaciones

MODE		Analog	Digital
Panel	Tipo	TFT matriz active	
	Tamaño	19 pulgadas	
		376.32 × 301.056(mm)	
	Pixeles(pitch)	0.294 × 0.294 (mm)	
Color en pantalla	8-bit (16,777,216 Colori)		
Resolución	Básica	1280 × 1024@60Hz	
	Máxima	1280 × 1024@75Hz	1280 × 1024@60Hz
Frecuencia	Horizontal	31.5 ~ 80KHz	31 ~ 64KHz
	Vertical	56 ~ 75Hz	59 ~ 61Hz
conectores		Conector D-Sub 15-pin	DVI connector
		Entrada de parlantes / Salida de audífonos(cable audio)*1	
Grados de ajuste(U/D)		-5° ~ 25° Grados	
Plug&Play		VESA DDC 1/2B	
Consumo de energía	Entrada	Tipo interno : 100~240VAC, 50/60Hz, 0.7A	
	Consumo	Bajo 40W (Máximo del altavoz 4W)*1	
	Modo Standby	2W o menos	
Control de energía		AHORRO DE ENERGÍA	
Consideración Ambiental	Temperatura	0~35° C (32° F~95° F)	
	Húmedad	90% o menos	
Dimensions	Exterior	426 mm(W) × 406 mm(H) × 193 mm(D)	
Peso	Monitor	5.0kg	
	Empaque	1.5kg	

*1 : Solo con modelos de Audio.

Eliminación de equipamiento eléctrico y electrónico usado



Este símbolo en el producto, sus accesorios o embalaje indica que el producto no debe tratarse como un residuo doméstico. Deshágase de este equipamiento en su punto de recogida más cercano para el reciclaje de residuos eléctricos y electrónicos. En la Unión Europea y otros países europeos existen diferentes sistemas de recogida de productos eléctricos y electrónicos usados. Al asegurar la correcta eliminación de este producto ayudará a evitar riesgos potenciales para el medio ambiente y la salud de las personas que podrían tener lugar si el producto no se eliminara de forma adecuada. El reciclaje de materiales ayudará a conservar los recursos naturales. Por consiguiente, no elimine equipamiento eléctrico y electrónico usado junto con residuos domésticos. Para información más detallada acerca del reciclaje de este producto, póngase en contacto con su oficina municipal, el servicio de eliminación de residuos domésticos o el establecimiento donde adquirió el producto.



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